

INTERNATIONAL SEARCH REPORT

Int. Application No

PC1/DK2004/000525

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K15/04 H02K3/47

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 197 180 A (MIHALKO EMIL S) 30 March 1993 (1993-03-30) abstract; figures 4,5 column 4, line 67 - column 5, line 24 column 6, line 60 - column 7, line 27	1-22
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 8 047216 A (TOKYO PARTS IND CO LTD), 16 February 1996 (1996-02-16) abstract; figures	1-22
A	US 3 831 267 A (ONISHI K ET AL) 27 August 1974 (1974-08-27) column 3, line 59 - column 4, line 30 figure 6	1-22

-/-

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

23 December 2004

Date of mailing of the international search report

13/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ramón H

INTERNATIONAL SEARCH REPORT

Inte 31 Application No.
PC 1 / UN 2004/000525

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 507 637 A (HAYASHI TSUNEYUKI) 26 March 1985 (1985-03-26) abstract; figures 6,7 -----	19-22
A	US 5 955 813 A (HAMMERS ANTON ET AL) 21 September 1999 (1999-09-21) abstract; figures 3,4 ----- ---	19-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC1/UK2004/000525

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5197180	A	30-03-1993	AT 153808 T	15-06-1997
			AU 694691 B2	23-07-1998
			AU 1505397 A	01-05-1997
			AU 2683092 A	27-04-1993
			BR 9206495 A	31-10-1995
			CA 2118932 A1	01-04-1993
			CN 1072047 A , B	12-05-1993
			DE 69220094 D1	03-07-1997
			DE 69220094 T2	13-11-1997
			DK 694227 T3	22-12-1997
			EP 0694227 A1	31-01-1996
			ES 2103970 T3	01-10-1997
			HK 1000977 A1	15-05-1998
			IL 103123 A	31-10-1996
			JP 2799395 B2	17-09-1998
			JP 6506100 T	07-07-1994
			MX 9205184 A1	01-03-1993
			NO 940793 A	07-03-1994
			PL 169597 B1	30-08-1996
			RU 2120174 C1	10-10-1998
			SG 42878 A1	17-10-1997
			WO 9306649 A1	01-04-1993
			US 5294855 A	15-03-1994
JP 8047216	A	16-02-1996	NONE	
US 3831267	A	27-08-1974	JP 1133389 C	27-01-1983
			JP 48092806 A	01-12-1973
			JP 57006338 B	04-02-1982
US 4507637	A	26-03-1985	JP 56049641 A	06-05-1981
			BR 8006152 A	07-04-1981
			CA 1153049 A1	30-08-1983
			CH 657481 A5	29-08-1986
			DE 3036051 A1	16-04-1981
			FR 2466894 A1	10-04-1981
			GB 2062363 A , B	20-05-1981
			IT 1133619 B	09-07-1986
US 5955813	A	21-09-1999	DE 4420371 A1	14-12-1995
			DE 59508880 D1	11-01-2001
			DE 69504506 D1	08-10-1998
			DE 69504506 T2	20-05-1999
			EP 0670621 A1	06-09-1995
			EP 0764357 A1	26-03-1997
			WO 9534934 A1	21-12-1995
			JP 8037763 A	06-02-1996
			JP 10501678 T	10-02-1998
			TW 463448 B	11-11-2001
			US 5714828 A	03-02-1998